

**ANNUAL SHELLFISH MANAGEMENT REVIEW**  
**for the period**  
**January 1st to December 31st, 2005**

**Municipality:**\_\_\_\_\_ **Date:**\_\_\_\_\_

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

**Statement of Management Goals and Implementation Actions**

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☐ provide a harvesting opportunity for the maximum number of participants  
☐ maximize individual harvest by minimizing the number of participants
- 2) ☐ increase the clam resource through various enhancement activities  
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☐ provide for recreational harvesting in preference to commercial harvesting  
☐ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production  
☐ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☐ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☐ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☐ limit the amount of recreational harvest
- ☐ other\_\_\_\_\_

The following management activities were undertaken: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or seeding with hatchery stock
- ☐ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other\_\_\_\_\_

**Shellfish Committee/Staff****Municipality:**\_\_\_\_\_

Title	Name	Mailing Address	Telephone
Chair	_____	_____	_____
Vice Chair	_____	_____	_____
Secretary	_____	_____	_____
Member(s)	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
Selectmen/ Council Rep.	_____	_____	_____
Wardens	_____	_____	_____
	_____	_____	_____
WQSpec(s)	_____	_____	_____
	_____	_____	_____

**Committee Meetings**The Shellfish Committee holds regularly scheduled meetings: ☐ yes ☐ no

The following number of meetings was held during the past year:\_\_\_\_\_

Minutes of meetings are recorded, filed and are available upon request: ☐ yes ☐ no**Conservation Credit**The opportunity to obtain conservation credit is provided: ☐ yes ☐ no

The total number of conservation hours needed to obtain credit is\_\_\_\_\_.

Conservation credit is required to obtain a: ☐ renewal license☐ new license

Conservation hours are given for:

☐ meeting attendance☐ coastal cleanup☐ brushing☐ committee service☐ surveys☐ predator control☐ educational activities☐ reseedling☐ \_\_\_\_\_

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is \_\_\_\_\_.

**Summary of Warden Activities**

Municipality: \_\_\_\_\_

Hours Patrolled: \_\_\_\_\_  
Diggers Checked: \_\_\_\_\_  
Warnings Given: \_\_\_\_\_  
Summon Issued: \_\_\_\_\_  
Court Appearances: \_\_\_\_\_  
Convictions: \_\_\_\_\_

Enforcement of the shellfish management ordinance has been:

☐ satisfactory  
☐ unsatisfactory

Enforcement could be improved by:

☐ more hours patrolled  
☐ more wardens  
☐ better equipment

☐ better training  
☐ greater state support  
☐ other \_\_\_\_\_

The warden is provided with a written job description: ☐ yes ☐ no**Production Data Collected by the Warden**

Month	Avg. Daily Catch/Digger	Avg. # of Diggers/Day	Total # of Days Dug	Total Lbs or Bushels	<input type="checkbox"/>
January	_____	X _____	X _____	= _____	<input type="checkbox"/>
February	_____	_____	_____	_____	<input type="checkbox"/>
March	_____	_____	_____	_____	<input type="checkbox"/>
April	_____	_____	_____	_____	<input type="checkbox"/>
May	_____	_____	_____	_____	<input type="checkbox"/>
June	_____	_____	_____	_____	<input type="checkbox"/>
July	_____	_____	_____	_____	<input type="checkbox"/>
August	_____	_____	_____	_____	<input type="checkbox"/>
September	_____	_____	_____	_____	<input type="checkbox"/>
October	_____	_____	_____	_____	<input type="checkbox"/>
November	_____	_____	_____	_____	<input type="checkbox"/>
December	_____	_____	_____	_____	<input type="checkbox"/>
TOTAL				_____	<input type="checkbox"/>

**Warden(s)**

Training Date

Nomination Date

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Shellfish Conservation Budget****Municipality:** \_\_\_\_\_

<b>License Receipts</b>	<b>Allocation</b>	<b>Sold</b>	<b>Received</b>
<i>Commercial</i>			
Resident			\$
Nonresident			\$
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident			\$
Junior/Student Nonresident			\$
Other			\$
<i>Recreational</i>			
Resident			\$
Nonresident			\$
Daily/Weekly/Monthly Res.			\$
Daily/Weekly/Monthly Nonres.			\$
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident			\$
Junior/Student Nonresident			\$
Other			\$
SUBTOTAL (1)			\$
<b>Receipts Independent of License Fees</b>			
Shellfish Conservation Account Carried Forward			\$
Funds Raised for Warden			\$
Funds Raised for Management Activities			\$
Fines			\$
Other			\$
SUBTOTAL (2)			\$
TOTAL Receipts (1+2)			\$
<b>Disbursements</b>			
Warden Salary			\$
Mileage			\$
Clothing			\$
Equipment			\$
Training			\$
SUBTOTAL (3)			\$
Advertising			\$
Supplies			\$
Surveys			\$
Seeding			\$
Miscellaneous			\$
SUBTOTAL (4)			\$
TOTAL Disbursements (3+4)			\$

## Management Activities by Flat Municipality:

**Municipality:** \_\_\_\_\_

The following is a list of clam harvest areas in which management activities were conducted during the past year and the dates (m/d) when they occurred. ☐ No activities were conducted.

[illegible]

**Proposed Management Controls****Municipality:** \_\_\_\_\_

The following management controls will be utilized for the coming year: (check all that apply)

- ☐ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☐ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☐ limit the amount of recreational harvest
- ☐ other \_\_\_\_\_

**Proposed Shellfish Licenses**

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	_____	\$ _____
Nonresident	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	_____	\$ _____
Junior/Student Nonresident	_____	\$ _____
Other	_____	\$ _____
<i>Recreational</i>		
Resident	_____	\$ _____
Nonresident	_____	\$ _____
Daily/Weekly Monthly Res.	_____	\$ _____
Daily/Weekly Monthly Nonres.	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	_____	\$ _____
Junior/Student Nonresident	_____	\$ _____
Other	_____	\$ _____

License number determination is based upon: ☐ calculation using survey data  
☐ survey data as a guide  
☐ harvester input  
☐ need/demand

The above numbers are:

- ☐ tentative, the actual numbers to be determined later
- ☐ firm, have been or will be submitted to DMR

**Proposed Management Activities****Municipality:** \_\_\_\_\_

The following management activities will be undertaken during the coming year: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or with hatchery stock
- ☐ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other \_\_\_\_\_

In order to implement these management activities the committee will utilize: (check all that apply)

- ☐ harvesters vested with conservation credit
- ☐ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☐ other \_\_\_\_\_

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☐ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☐ phone call
- ☐ posting
- ☐ newspaper
- ☐ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☐ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☐ invite the area biologist to attend only specific meetings

### Proposed Activities by Flat

Municipality: \_\_\_\_\_

The following is a list of clam harvest areas in which management activities are planned for the coming year and the probable dates or time of year the activities would occur.

☐ No activities are planned.      ☐ No specific activities are planned as yet.

[illegible]



## Summary of Clam Flat Survey Data

**Municipality:** \_\_\_\_\_

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR. ☐ No surveys were conducted.

☐ No surveys were conducted.

[illegible]<sup>\*</sup>(m/d)

The flats surveyed represent approximately \_\_\_\_\_% of the total productive flats.

**Summary of Transplant Activities****Municipality:** \_\_\_\_\_

The following seeding / reseeding activities were conducted during the past year.

☐ No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date (m/d)				
Supervisor				
Crew #				
Amount				
Mean Size (in)				
Size Range (in)				
Source Hatchery				
Source Flat				
Receiv. Flat				
Flat Prep (y/n)				
Netted (y/n)				
Closed until				
	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in)				
Size Range (in)				
Source Hatchery				
Source Flat				
Receiv. Flat				
Flat Prep (y/n)				
Netted (y/n)				
Closed until				

**Conservation Closures and Openings****Municipality:** \_\_\_\_\_Summary of Closures

The following is a list of conservation closures implemented or in effect during the past year.

☐ No conservation areas were closed. (This table is for areas normally open.)

Conservation Area	Acreage	Closing Date	Opening Date	Days Closed*	Reason

\*during 2005

Summary of Openings

The following is a list of conservation openings implemented or in effect during the past year.

☐ No conservation areas were opened. (This table is for areas normally closed.)

Conservation Area	Acreage	Opening Date	Closing Date	Days Open*	Reason

\*during 2005

**Additional Activities****Municipality:** \_\_\_\_\_Spatfall Enhancement

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. ☐ No such activities were conducted.

Location	Date	Description

Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. ☐ No such activities were conducted.

Location	Date	Description

Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup. ☐ No such activities were conducted.

Location	Date	Description